

**FUNCTIONAL INDEPENDENCE MATHEMATICS  
EXTENDED GRADE LEVEL CONTENT EXPECTATIONS  
GRADE 5**

<p style="text-align: center;"><b>Grade 5</b></p> <p style="text-align: center;"><b>Extended Grade Level Content Expectation (EGLCE)</b></p>	<p style="text-align: center;"><b>Level Assessed</b></p> <p style="text-align: center;"><b>Classroom/LEA/ISD and/or State</b></p>
<b>NUMBERS AND OPERATIONS</b>	
<b>Topic 1: Count, write and order whole numbers</b>	
<b>N.ME.05.EG01</b> Read, write and count using whole numbers to 10,000 in numerals and words, and relate them to the quantities they represent.	Classroom/LEA/ISD and State
<b>N.ME.05.EG02</b> Explore and recognize equivalent representations for whole numbers to 10,000.	Classroom/LEA/ISD and State
<b>N.ME.05.EG03</b> Represent whole numbers to 10,000 using concrete representations.	Classroom/LEA/ISD and State
<b>N.ME.05.EG04</b> Investigate the ways numbers are used, e.g. counting, ordering, naming, locating, and measuring.	Classroom/LEA/ISD and State
<b>N.ME.05.EG05</b> Express numbers to 10,000 using place value.	Classroom/LEA/ISD and State
<b>N.ME.05.EG06</b> Order numbers to 10,000; compare using phrases such as same as, more than, greater than, fewer than, and use = symbol.	Classroom/LEA/ISD and State
<b>N.ME.05.EG07</b> Count numbers to 10,000. Count by 2's, 5's, 10's and 100's starting from any number from 1 to 1000.	Classroom/LEA/ISD and State
<b>N.ME.05.EG08</b> Identify and place whole numbers on a number line.	Classroom/LEA/ISD and State

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<p><b>N.MR.05.EG09</b> Create, describe, and extend simple number patterns, including patterns that involve data.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p><b>N.MR.05.EG10</b> Explain how to find the next number in a simple repeating pattern.</p>	
<p><b>Topic 2: Compute with whole numbers</b></p>	
<p><b>N.FL.05.EG11</b> Understand and use addition properties of 0.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p><b>N.FL.05.EG12</b> Add and subtract two numbers with 1 or 2 digits each with regrouping.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p><b>N.MR.05.EG13</b> Solve simple open sentences for addition and subtraction.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p><b>Topic 3: Problem solving and estimation</b></p>	
<p><b>N.FL.05.EG14</b> Apply estimation in solving problems involving addition and subtraction.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>
<p><b>N.MR.05.EG15</b> Select appropriate numbers in order to solve problems involving addition and subtraction and solve.</p>	<p style="text-align: center;">Classroom/LEA/ISD and State</p>

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<b>MEASUREMENT</b>	
<b>Topic 1: Measure and use units</b>	
<b>M.UN.05.EG01</b> Select and use standard tools for measurement of length, time, weight, volume and temperature.	Classroom/LEA/ISD and State
<b>M.UN.05.EG02</b> Select appropriate units of measure for length, time, weight, area, volume (gallon, cubic inches, etc.), temperature (degrees Fahrenheit, °F, only) and money for a given context.	Classroom/LEA/ISD and State
<b>M.PS.05.EG03</b> Measure and compare integer temperatures in degrees (degrees Fahrenheit, °F, only).	Classroom/LEA/ISD and State
<b>M.UN.05.EG04</b> Approximate temperature (degrees Fahrenheit, °F, only) based on given criteria, e.g. "What temperature might it be if you must wear a winter coat and gloves outside?"	Classroom/LEA/ISD and State
<b>M.UN.05.EG05</b> Measure lengths to the nearest inch using a ruler.	Classroom/LEA/ISD and State
<b>M.PS.05.EG06</b> Measure and compare lengths, weights, and volumes. Use terms such as longer, longest, shorter, shortest, heavy, and heavier.	Classroom/LEA/ISD and State
<b>M.UN.05.EG07</b> Tell time on a twelve-hour radial clock or digital clock to the nearest hour; no A.M. or P.M.	Classroom/LEA/ISD and State
<b>M.PS.05.EG08</b> Solve one-step word problems using addition and subtraction of length, time, weight, area, volume and temperature.	Classroom/LEA/ISD and State

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<b>Topic 2: Money</b>	
<b>M.UN.05.EG09</b> Identify and use different coins and bills.	Classroom/LEA/ISD and State
<b>M.UN.05.EG10</b> Recognize equivalent sets of coins and bills.	Classroom/LEA/ISD and State
<b>M.PS.05.EG11</b> Tell the amount of money in dollars and cents up to and including \$100. Use the symbols \$ and ¢.	Classroom/LEA/ISD and State
<b>M.PS.05.EG12</b> Add and subtract money in dollars and cents, and combinations of dollars and cents, up to and including \$100.	Classroom/LEA/ISD and State
<b>GEOMETRY</b>	
<b>Topic 1: Identify and describe shapes</b>	
<b>G.GS.05.EG01</b> Identify, describe, and compare familiar two-dimensional shapes, including semi-circles.	Classroom/LEA/ISD and State
<b>G.LO.05.EG02</b> Describe and use relative position of objects on a plane and in space using words such as above, below, over, under, behind, in front of, right, left.	Classroom/LEA/ISD and State

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<b>DATA ANALYSIS</b>	
<b>Topic 1: Explore Data</b>	
<b>D.RE.05.EG01</b> Read data from charts, tables, bar graphs, circle graphs, tallies, and pictographs with a scale up to two.	Classroom/LEA/ISD and State
<b>D.RE.05.EG02</b> Draw, explain and justify predictions and conclusions from data presented in tables, graphs and charts.	Classroom/LEA/ISD and State
<b>D.RE.05.EG03</b> Describe the shape of data using informal language (e.g. increasing, decreasing).	Classroom/LEA/ISD and State